

|  |  |
| --- | --- |
| A | B |

Draw a particle diagram for each letter shown on the graph.

|  |  |
| --- | --- |
| C | D |

**Heat** is a form of energy associated with the movement of atoms. The more heat, the faster the particles are moving. Heat is like the amount of hotness, and it takes both speed and quantity of particles into consideration.

**Temperature** is a relative measure of how hot or cold something is. Temperature measures the degree of hotness of an object. Temperature only takes the average speed of molecules into consideration.